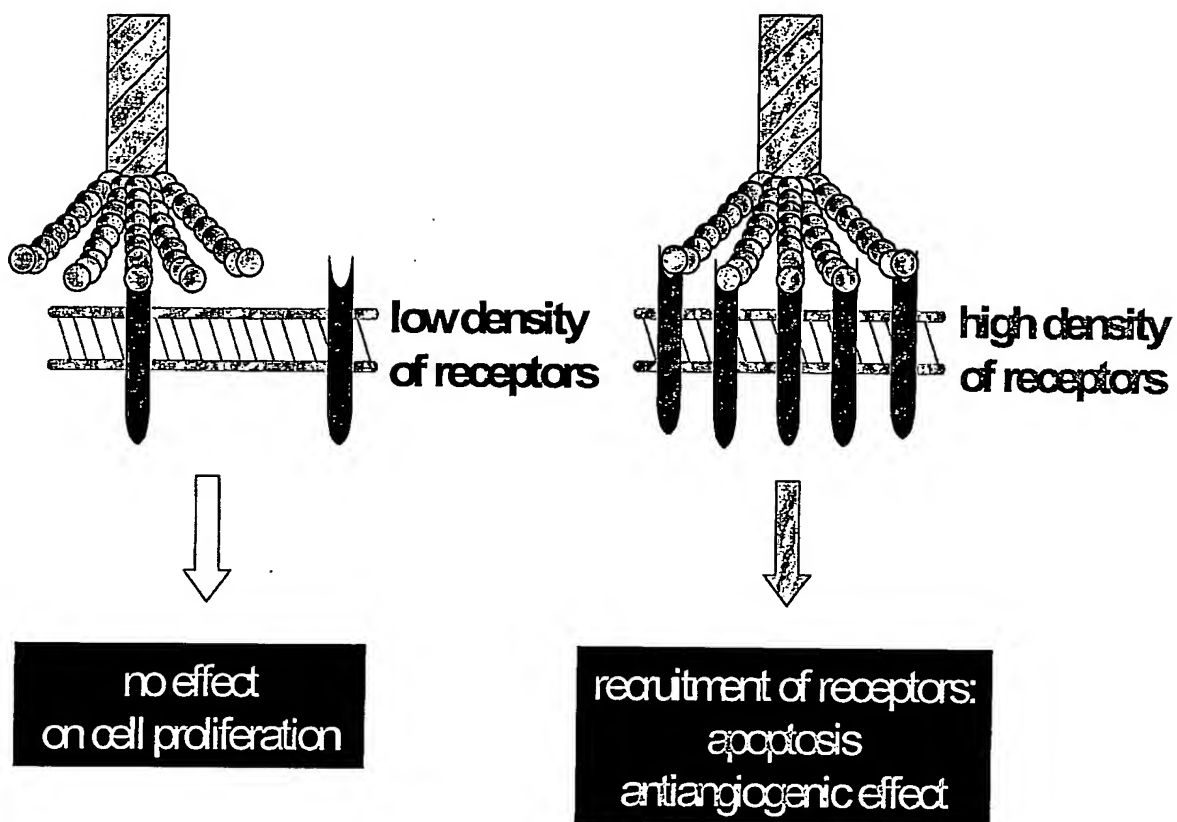
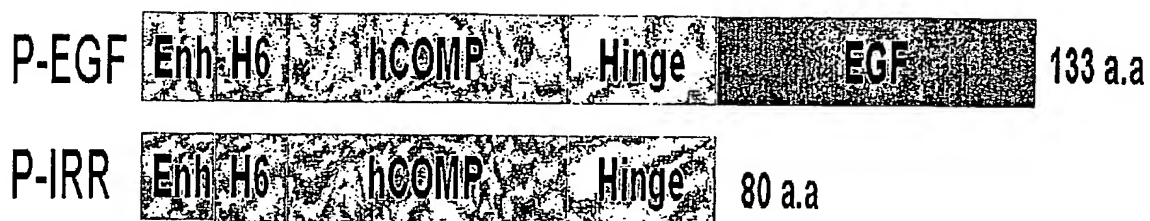


Figure 1:



2/19

Figure 2:

Amino acid sequence of peptabody Irrelevant :

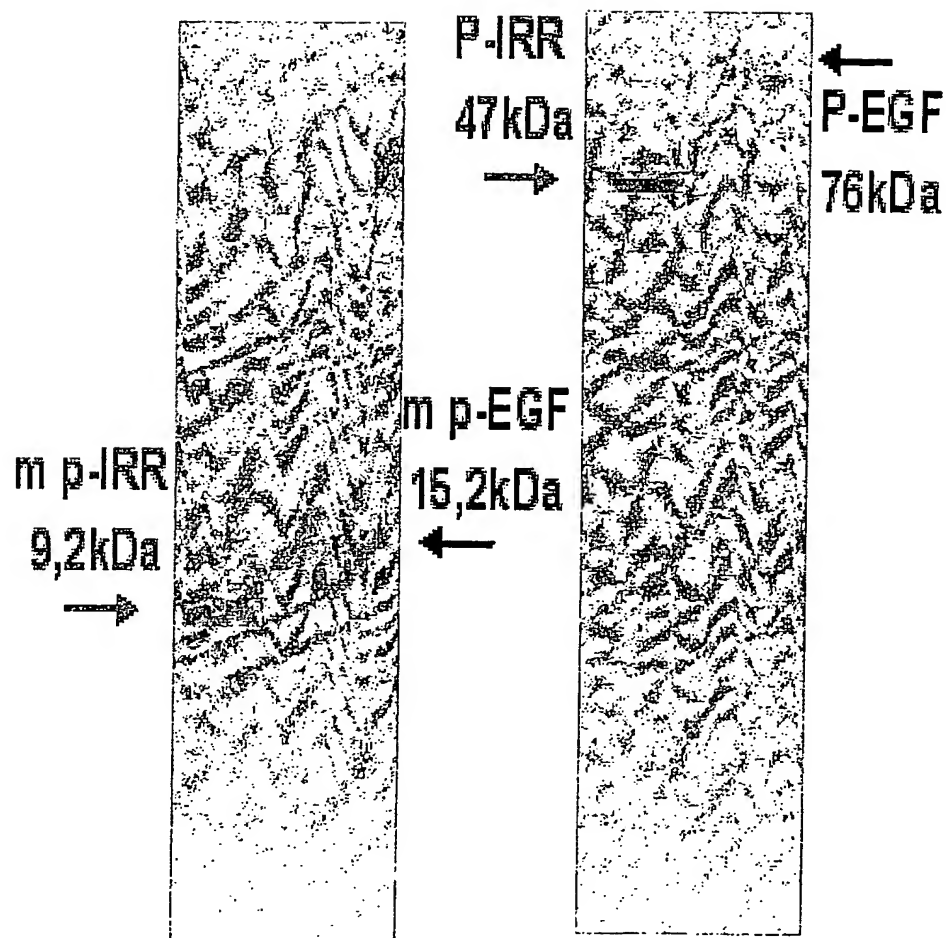
MYSFEDLHHHHHHGDLGPQMLRELQETNAALQDVRDYLRLVREITFLKN  
TVMECDACGMQQTSPPTPPTPSPSTPPTSPRS\*

Amino acid sequence of peptabody EGF :

MYSFEDLHHHHHHGDLGPQMLRELQETNAALQDVRDYLRLVREITFLKN  
TVMECDACGMQQTSPPTPPTPSPSTPPTSPRSNSDSECPLSHDGHCLH  
DGVCMYIEALDKYACNCVVG YIGERCQYRDLKWWELR\*

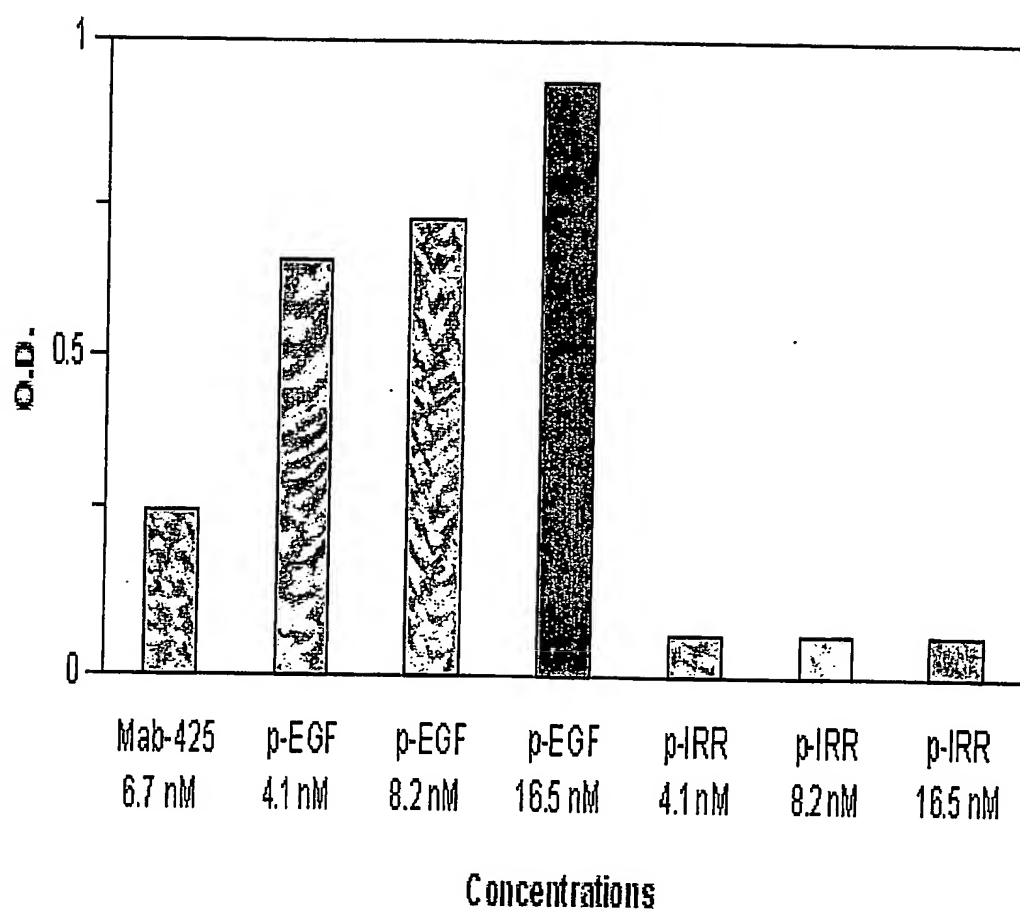
3/19

Figure 3:



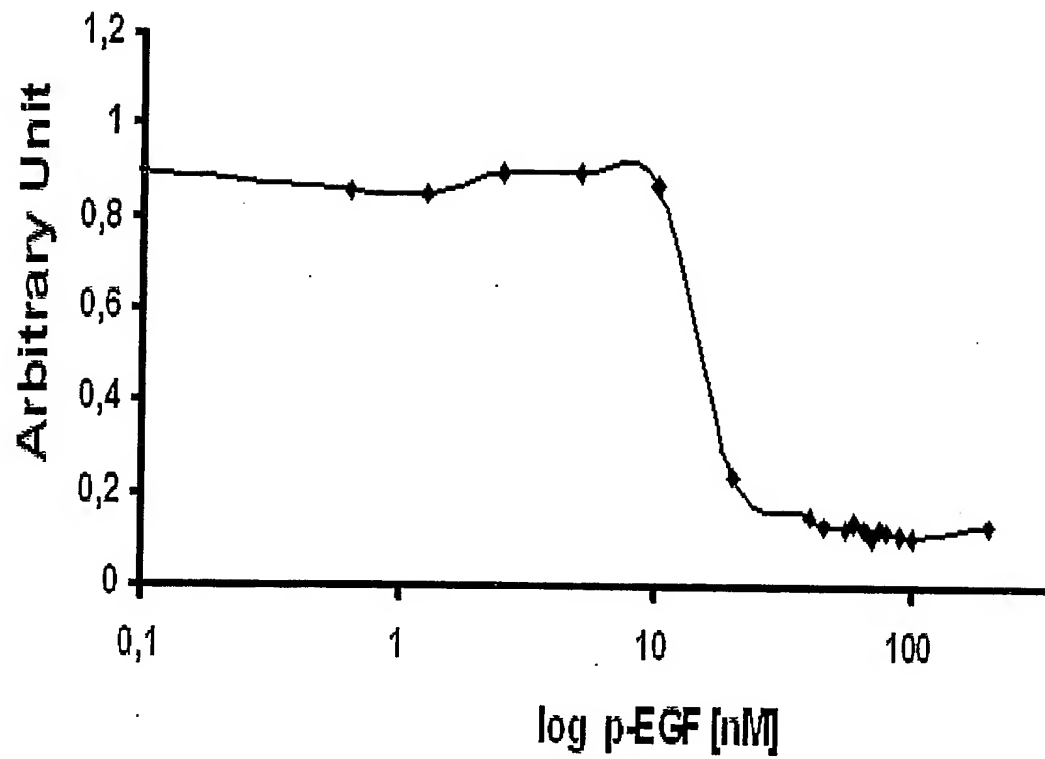
4/19

Figure 4:



5/19

Figure 5:



6/19

Figure 6:

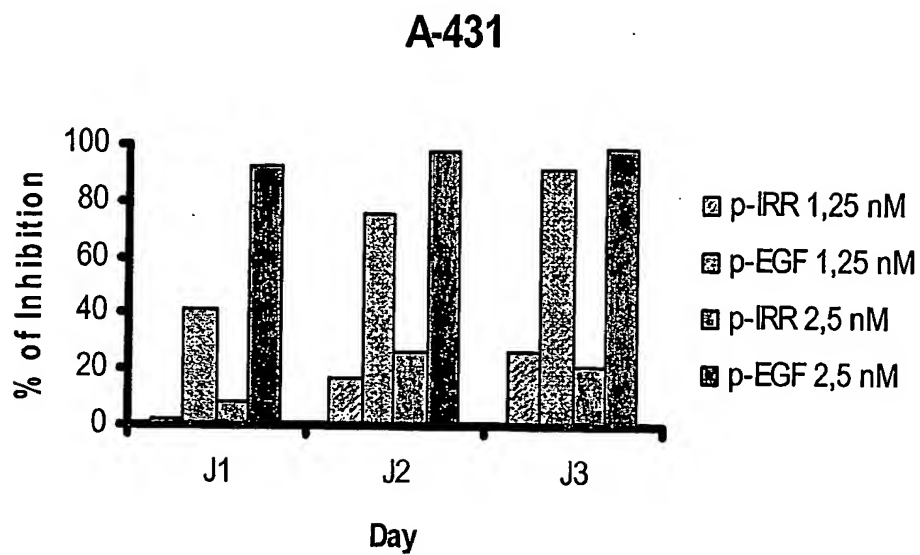
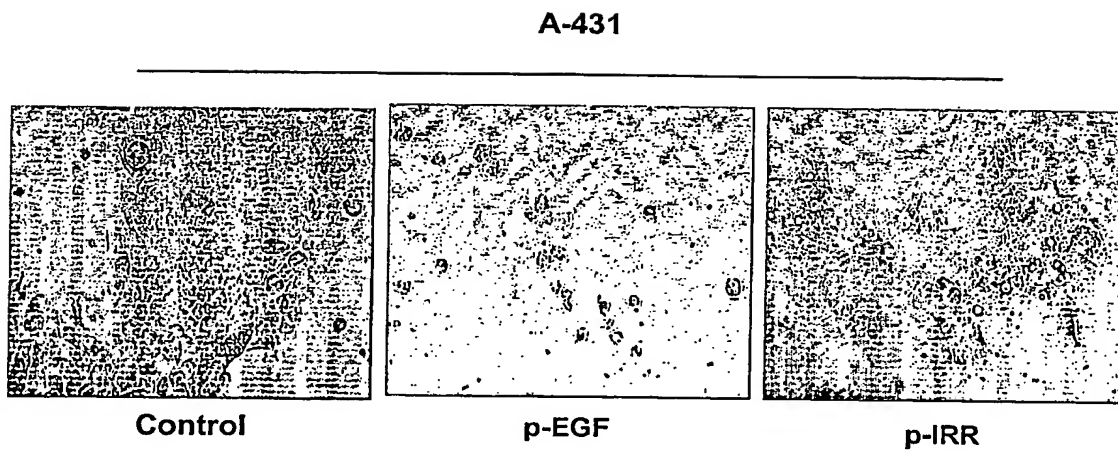


Figure 7:



7/19

Figure 8:

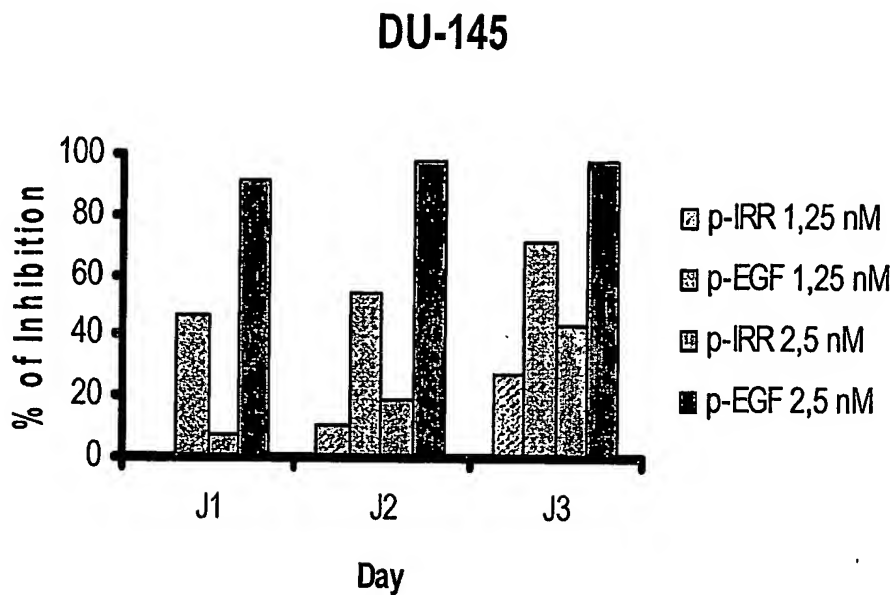
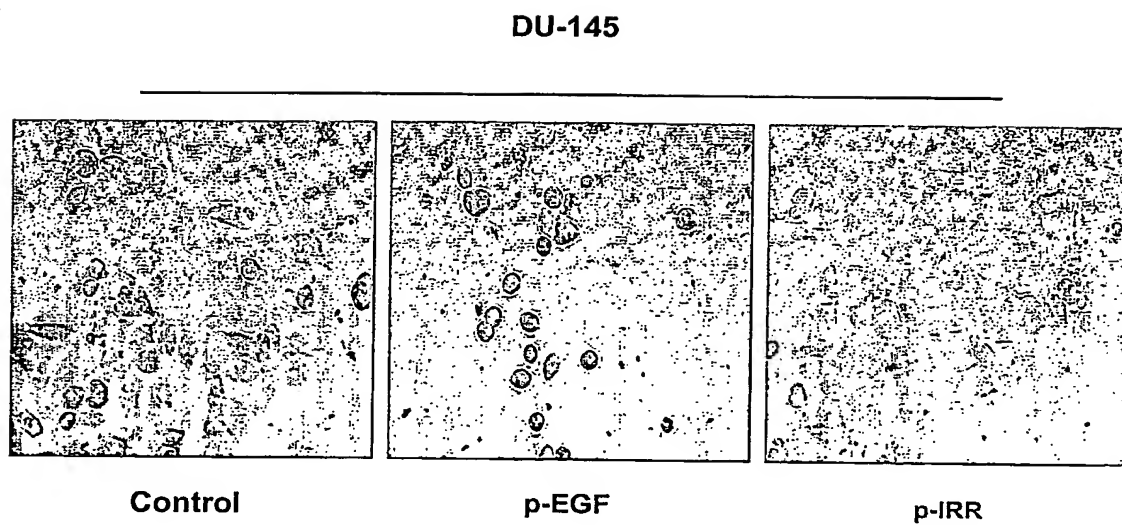


Figure 9:



8/19

Figure 10:

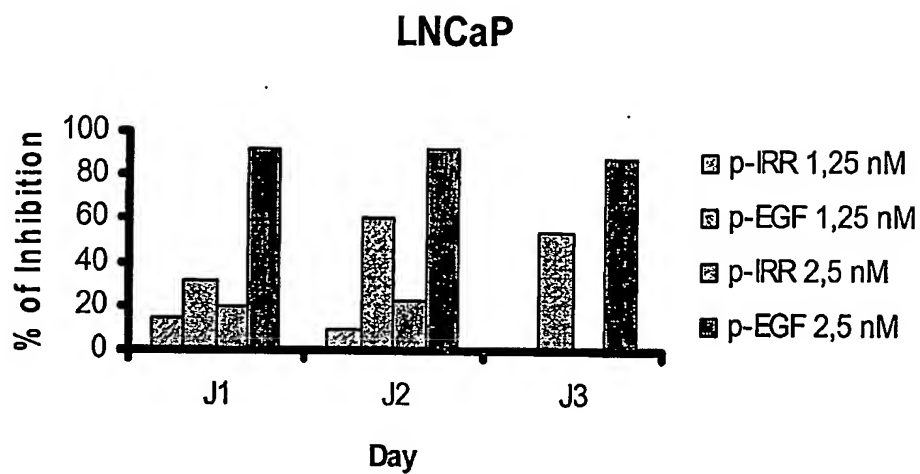
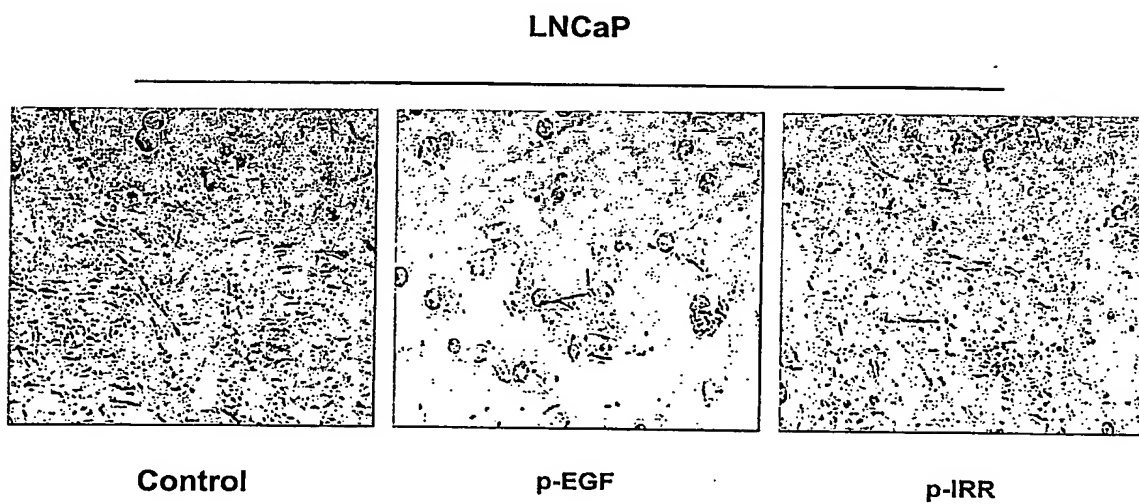


Figure 11:





9/19

Figure 12:

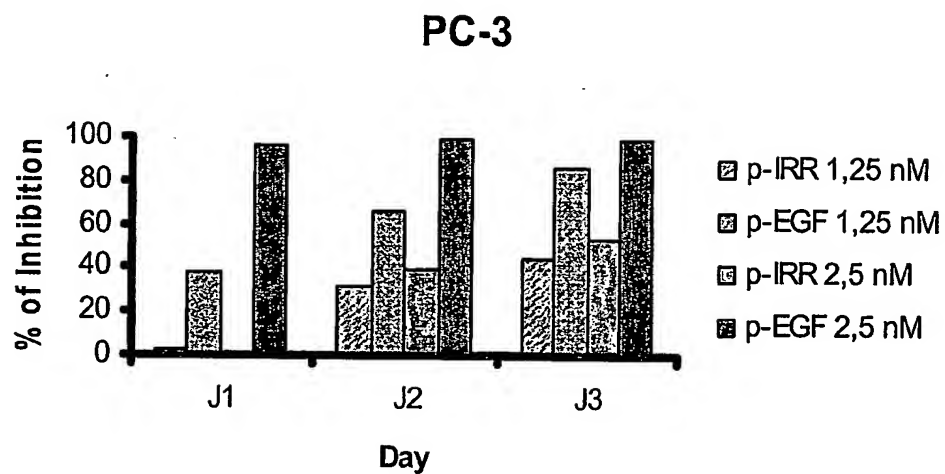
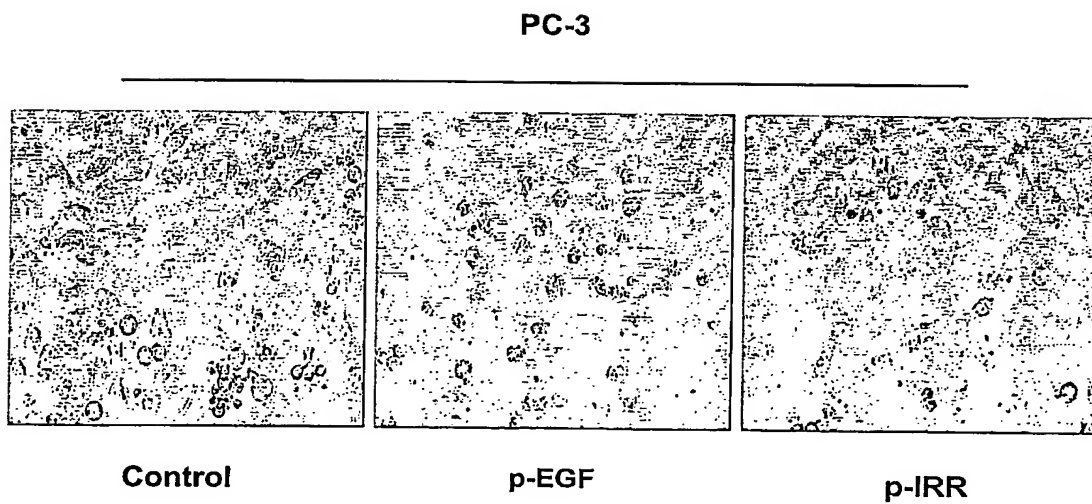


Figure 13:



10/19

Figure 14:

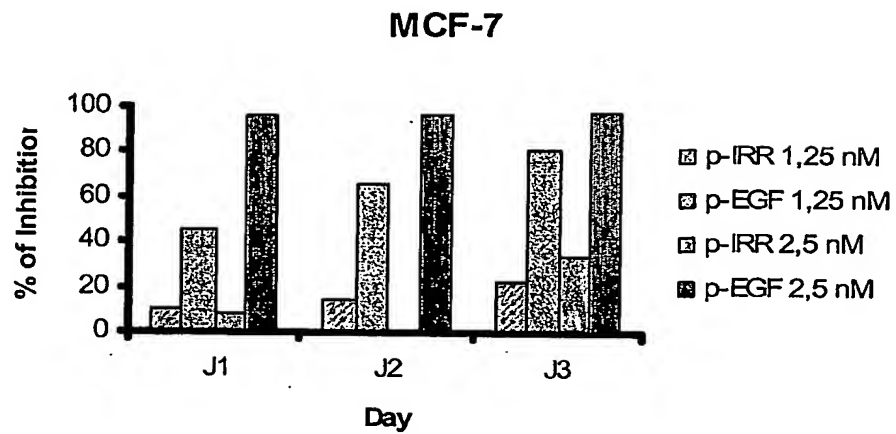
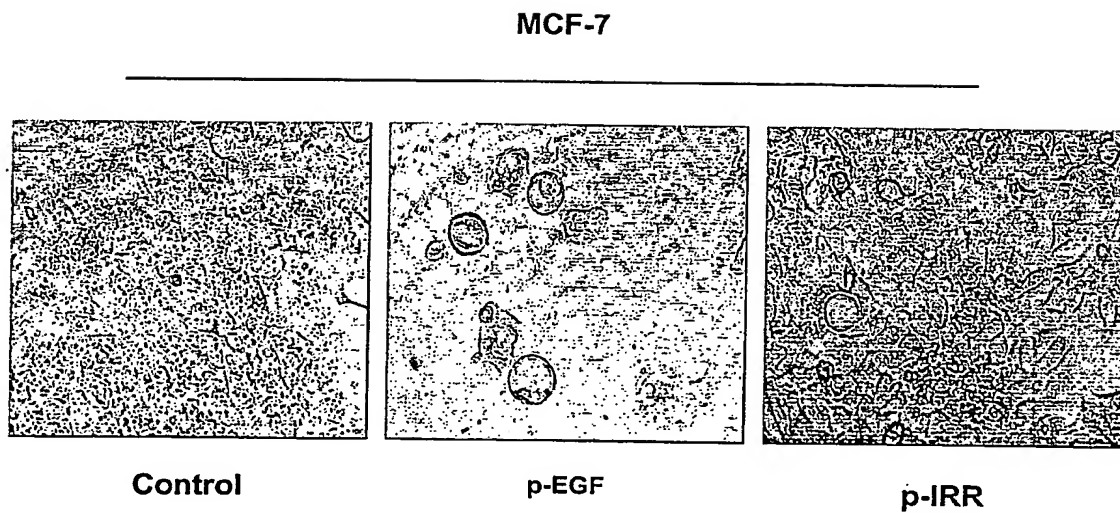


Figure 15:



11/19

Figure 16:

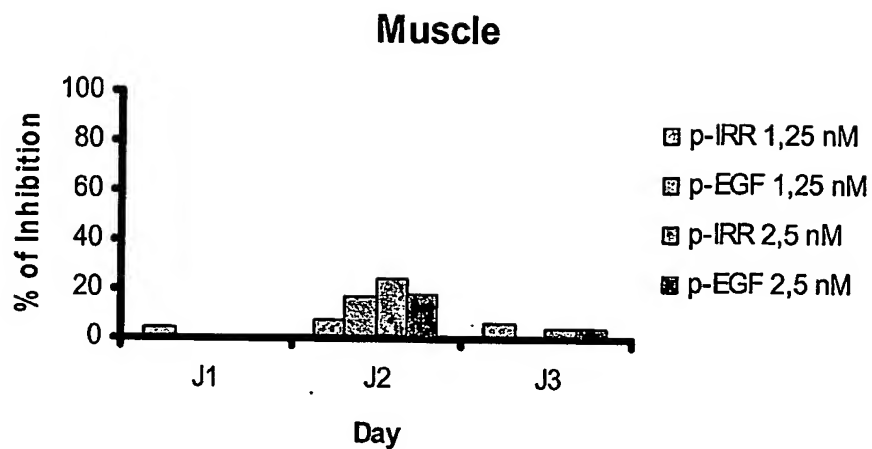
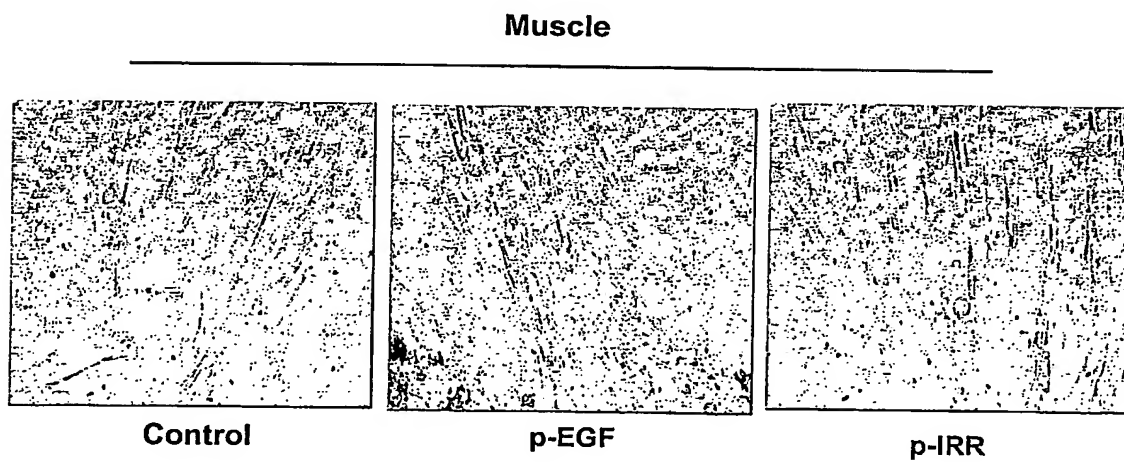
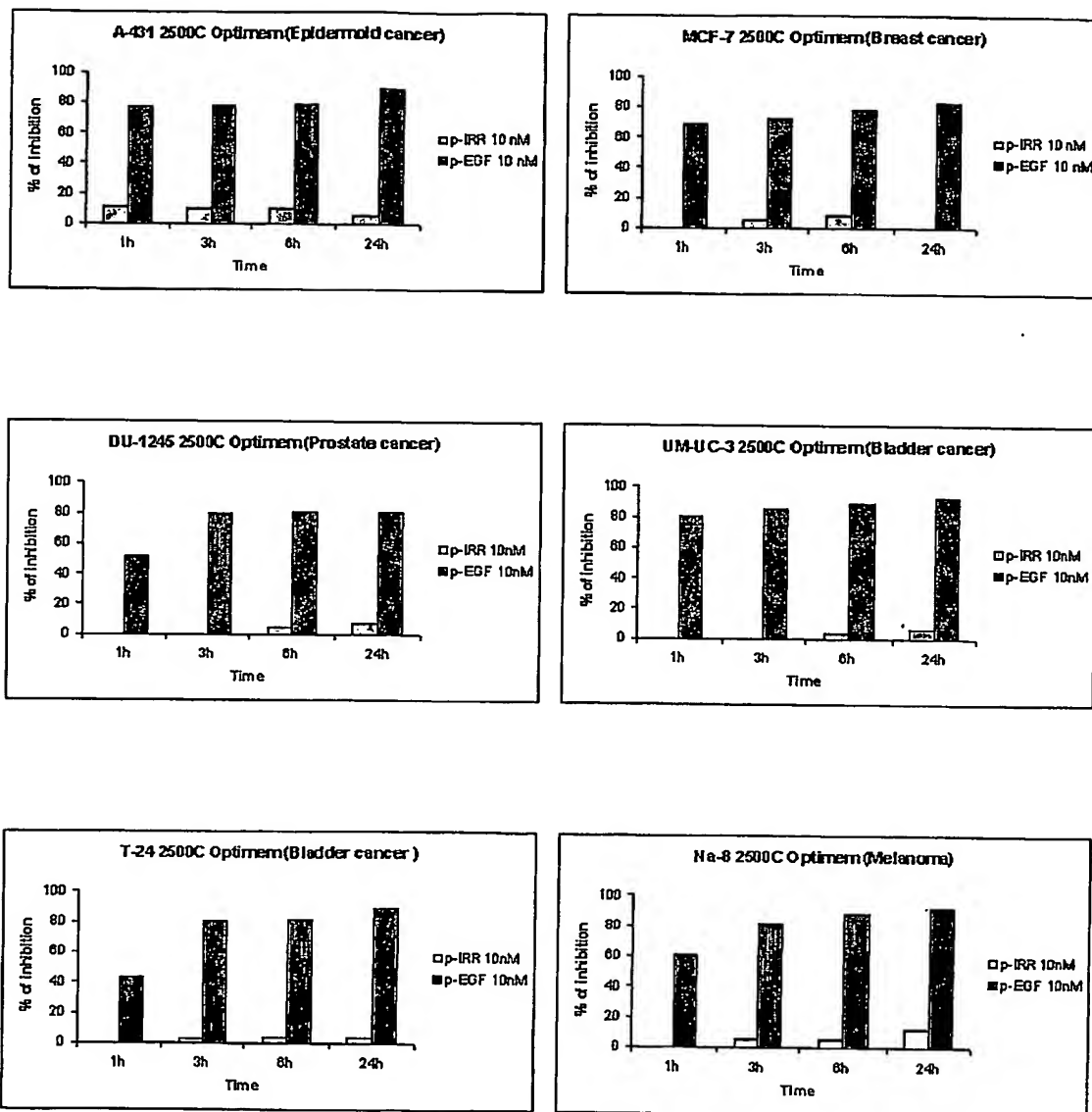


Figure 17:



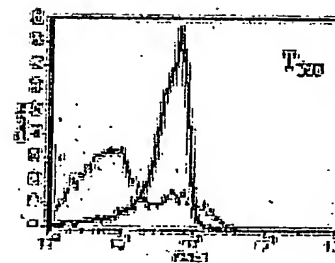
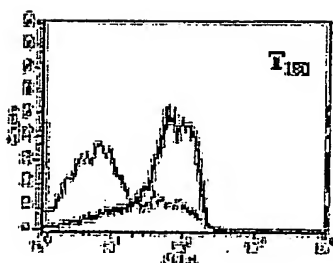
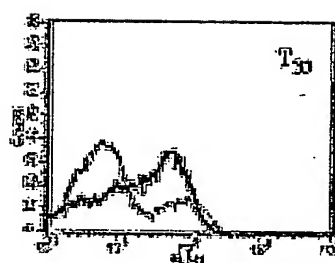
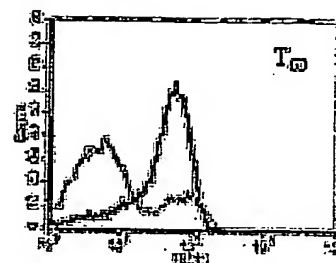
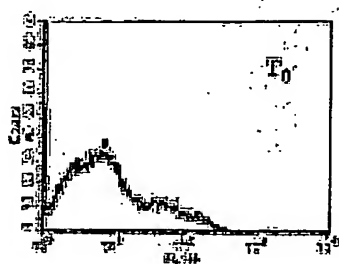
12/19

Figure 18:



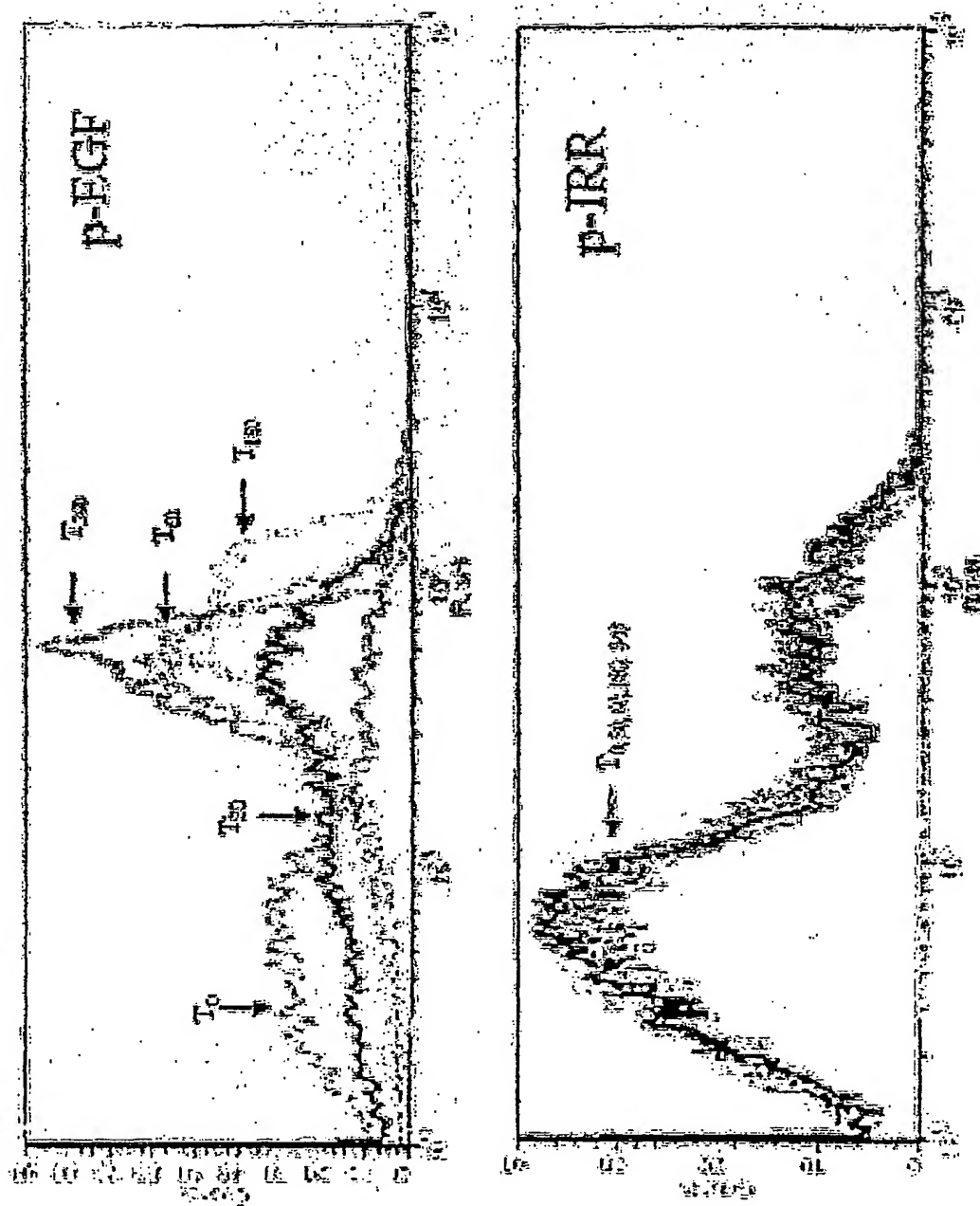
13/19

Figure 19a:



14/19

Figure 19b:



15/19

Figure 20:

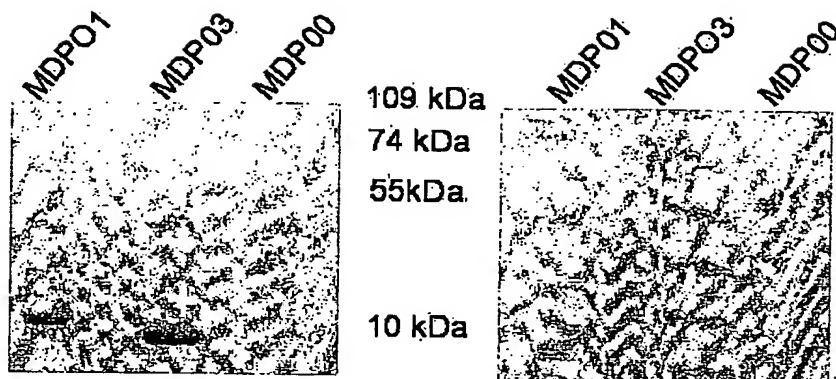
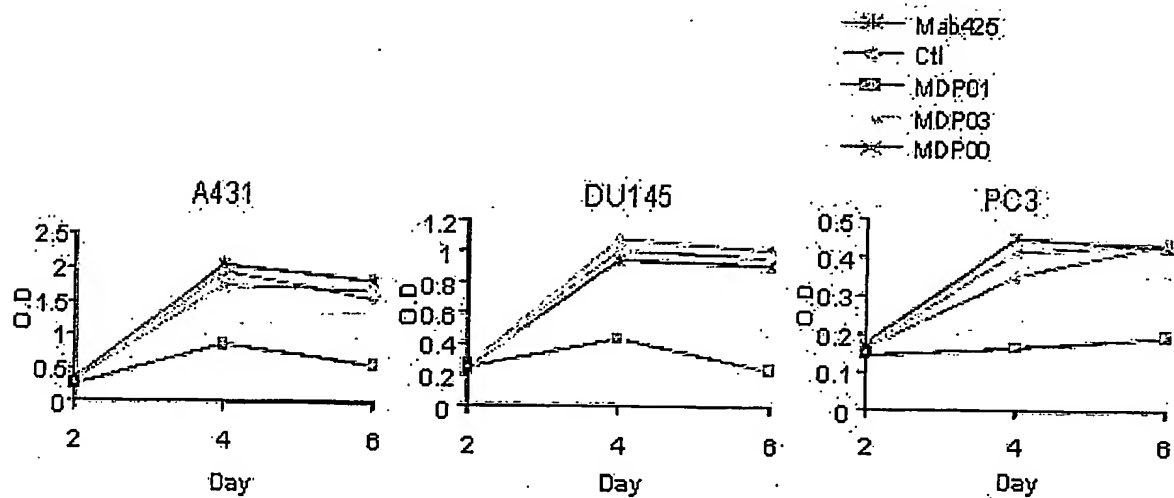


Figure 21:



16/19

**Figure 22:****DNA Sequence Irrelevant Peptabody: MDP00**

*ATGTATAGCTTTGAAGATCTGGCTAGCCATCATCATCACCATCATGGAGACCTGGGCC*  
*CGCAGATGCTGCGTGAAGTGCAGGAAACCAACGCTGCTCTGCAGGACGTTTCGTGACTA*  
*CCTGCGTCAGCTGGTTCGTGAAATCACCTTCCTGAAAAACACCGTTATGGAATGCGAC*  
*GCTTGCGGTATGCAGCAGACTAGTCCGCCTACTCCGCCAACTCCGTCTCCGTCTACTCC*  
*GCCAACTCCGTCTCCGAGATCTTAA*

**Protein Sequence Irrelevant Peptabody: MDP00**

*MYSFEDLASHHHHHHGD LGPQMLRELQETNAALQDVRDYLRQLVREITFLKNTVMECDA*  
*CGMQQTSPPTPPTSPSTPPTSPRS\**

**Figure 23:****DNA Sequence Peptabody EGF: MDP01**

*ATGTATAGCTTTGAAGATCTGGCTAGCCATCATCATCACCATCATGGAGACCTGGGCC*  
*CGCAGATGCTGCGTGAAGTGCAGGAAACCAACGCTGCTCTGCAGGACGTTTCGTGACTA*  
*CCTGCGTCAGCTGGTTCGTGAAATCACCTTCCTGAAAAACACCGTTATGGAATGCGAC*  
*GCTTGCGGTATGCAGCAGACTAGTCCGCCTACTCCGCCAACTCCGTCTCCGTCTACTCC*  
*GCCAACTCCGTCTCCGAGATCCAATTCTGACTCTGAATGCCCATTGTCTCACGACGG*  
*TTACTGCTTGCACGACGGTGTTTGCAATGTACATCGAAGCTCTGGACAAATACGCT*  
*TGCAACTGCGTTGTTGGTTACATCGGTGAACGTTGCCAATACCGAGATCTGAAAT*  
*GGTGGGAACTGCGTTAA*

**Protein Sequence Peptabody EGF: MDP01**

*MYSFEDLASHHHHHHGD LGPQMLRELQETNAALQDVRDYLRQLVREITFLKNTVMECDA*  
*CGMQQTSPPTPPTSPSTPPTSPRSNSDSECLSHDGYCLHDGVC MYIEALDKYACNC*  
*VVGYIGERCQYRDLKWWELR\**



17/19

**Figure 24:****DNA Sequence Peptabody GBP: MDP03**

*ATGTATAGCTTTGAAGATCTGGCTAGCCATCATCATCACCATCATGGAGACCTGGGCC*  
*CGCAGATGCTGCGTGAAGTGCAGGAAACCAACGCTGCTCTGCAGGACGTTTCGTGACTA*  
*CCTGCGTCAGCTGGTTCGTGAAATCACCTTCCTGAAAAACACCGTTATGGAATGCGAC*  
*GCTTGCGGTATGCAGCAGACTAGTCCGCCTACTCCGCCAACTCCGTCTCCGTCTACTCC*  
*GCCAACTCCGTCTCCGAGATCTGAAAACCTTTCCGGCGGGCTGCGTGGCGGGCTATA*  
*TGCGTACCCCGGATGGCCGTTGCAAACCGACCTTTTATCAGTAA*

**Protein Sequence Peptabody GBP : MDP03**

*MYSFEDLASHHHHHHGD LGPQMLRELQETNAALQDVRDYLRQLVREITFLKNTVMECDA*  
*CGMQQTSPPTPPTPSPSTPPTSPRSENFSGGCVAGYMRTPDGRCKPTFYQ\**

18/19

Figure 25:

## Production of decabodies fused to different Enhancers



Enh0 = -  
 Enh1 = YSF  
 Enh4 = YSFEDL  
 Enh8 = YSFEDLYRR  
 7D = peptide STNHNR

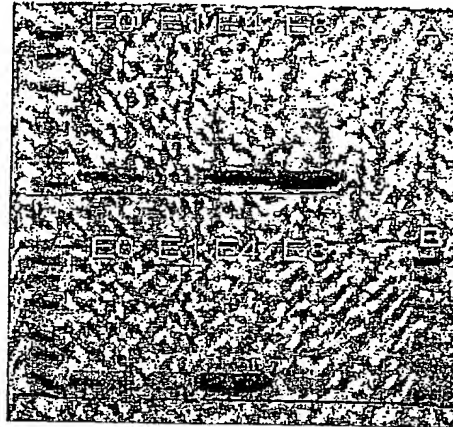
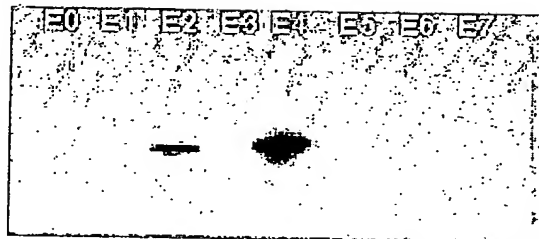


Figure 26:

## Production of peptabodies fused to different Enhancers



Enh0 = -  
 Enh1 = Y S F  
 Enh2 = Y S F E  
 Enh3 = Y S F E D  
 Enh4 = Y S F E D L  
 Enh5 = S F E D L  
 Enh6 = F E D L  
 Enh7 = E D L



19/19

Figure 27:

